1. (Four Times Amended) An automatic device for trimming and cutting at right angles paper and other graphic and photographic substrates (1) with a series of images (10) printed thereon and marked by boundary marks (M) having a feature comprising a preset sequence of white and black lines extending at least along a whole edge of each of said images (10) oriented at right angles to a feed direction of the substrate, the automatic device comprising:

at least a pair of rollers (2) for feeding the substrate;

a first motor (3) driving the pair of rollers;

a cutting assembly (7) spaced apart from the pair of rollers, the cutting assembly having a cutting width;

a second motor (9) driving the cutting assembly to cut;

a third motor (5) pivoting one of the cutting assembly and the pair of rollers from time to time to align said cutting assembly (7) and one of said boundary marks (M);

a reading system having first and second spaced apart optical sensors (4, 4') that detect one of the boundary marks (M) between the images, the second sensor spaced from the first sensor a distance equal to a fraction of the cutting width; and

a microprocessor (12) in communication with said reading system and the second motor (9) and the third motor (5), the microprocessor having stored therein a preset sequence of marks corresponding to the feature of the boundary marks (M), the microprocessor (12) processing a signal from the reading system, recognizing the feature of the boundary marks (M) and controlling the second and third motors (9, 5),

wherein the device is able to perform the cutting in two mutually orthogonal directions upon rotation of the substrate (1) through 90° without guides for edge registration of the substrate.

REMARKS

Claims 1, 2 and 8 are currently pending in the application, as amended. Claim 1 has been amended to recite as additional limitations that the cutting assembly has "a cutting width," the second sensor is spaced from the first sensor "a distance equal to a fraction of the cutting width," and the cutting assembly "is able to perform the cutting in two mutually orthogonal directions upon rotation of the substrate (1) through 90° without guides for edge registration of the substrate". These limitation are disclosed in the specification on page 2, lines